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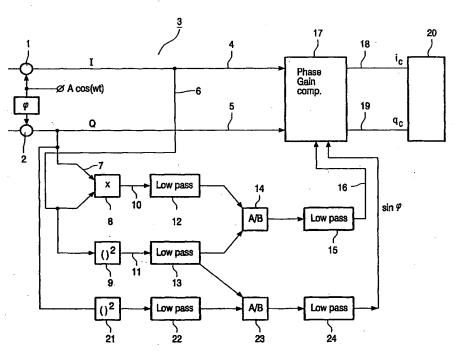
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(54) Title: PHASE/GAIN IMBALANCE ESTIMATION OR COMPENSATION



(57) Abstract: The present invention relates to a receiver for estimation or compensation of phase imbalance or gain imbalance utilizing a QPSK modulation and a modulation scheme based on a complex scrambling code. According to the present invention the phase imbalance or gain imbalance is estimated or compensated before synchronisation. Thus, the phase imbalance and gain imbalance will not be able to introduce losses in the further phases of the connection.

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